



# Search Report

## EIC 3700

STIC Database Tracking Number: 247184

To: JAMES SWIGER III  
Location: RND-6C35  
Art Unit: 3733  
Wednesday, January 16, 2008

Case Serial Number: 10/671820

From: TERRI BEALE  
Location: EIC3700  
RND-8B31 / RND-8B31  
Phone: (571)272-8324

[terrijor.beale@uspto.gov](mailto:terrijor.beale@uspto.gov)

### Search Notes

Attached please find the results of your prior art search. I have highlighted items of interest. Please feel free to contact me if you have additional questions or concerns.

EIC 3700 welcomes your feedback and would be particularly interested in knowing if you use any of these references in an office action. If you have a moment, please let us know which references you use.

Thank you and have a great day.



## NonPatent Literature Full text

File 9:Business & Industry(R) Jul/1994-2008/Jan 15  
 (c) 2008 The Gale Group  
 File 16:Gale Group PROMT(R) 1990-2008/Jan 08  
 (c) 2008 The Gale Group  
 File 160:Gale Group PROMT(R) 1972-1989  
 (c) 1999 The Gale Group  
 File 148:Gale Group Trade & Industry DB 1976-2008/Jan 03  
 (c)2008 The Gale Group  
 File 621:Gale Group New Prod.Annou.(R) 1985-2008/Jan 02  
 (c) 2008 The Gale Group  
 File 441:ESPICOM Pharm&Med DEVICE NEWS 2008/May W2  
 (c) 2008 ESPICOM Bus.Intell.  
 File 149:TGG Health&Wellness DB(SM) 1976-2008/Dec W5  
 (c) 2008 The Gale Group  
 File 15:ABI/Inform(R) 1971-2008/Jan 14  
 (c) 2008 ProQuest Info&Learning  
 File 624:McGraw-Hill Publications 1985-2008/Jan 15  
 (c) 2008 McGraw-Hill Co. Inc  
 File 635:Business Dateline(R) 1985-2008/Jan 12  
 (c) 2008 ProQuest Info&Learning  
 File 636:Gale Group Newsletter DB(TM) 1987-2008/Jan 15  
 (c) 2008 The Gale Group  
 File 135:NewsRx Weekly Reports 1995-2008/Jan W2  
 (c) 2008 NewsRx  
 File 98:General Sci Abs 1984-2007/Dec  
 (c) 2007 The HW Wilson Co.

### Set Items Description

S1 338567 BONE? ? OR FEMUR? OR FIBULA? OR PATELLA? OR TIBIA?  
 S2 9933101 STRETCH??? OR EXPAND? OR EXPANS? OR EXTEND? OR SPREAD? OR  
 -  
 ENLARG? OR (OPEN OR FAN)()OUT OR OUTSPREAD?  
 S3 6742380 OPENING? ? OR HOLE? ? OR VENT? ? OR APERTURE? ? OR ORIFICE?  
 ? OR PERFORAT??? OR GAP? ? OR PIERCE? ? OR SLIT OR SLITS OR -  
 SLOT OR SLOTS OR INLET? ? OR OUTLET? ? OR CAVITY OR CAVITIES  
 OR SPACE? OR SPLIT? OR SPACE? ? OR SPACING  
 S4 377984 S3(3N)(CREAT??? OR CREATION OR MADE OR MAKE? ? OR CAUSE? ?  
 OR FORM??? OR GENERATE? ? OR START??? OR PRODUCE OR PRODUCING  
 OR PRODUCTI?? OR CONSTRUCT???)  
 S5 24624741 AREAS OR COMPONENT? ? OR COMPOS? OR ELEMENT? ? OR FACET?  
 ?  
 OR MEMBER? ? OR MODULE? ? OR PART OR PARTICLE? ? OR PARTS OR -  
 PIECE? ? OR PORTION? ? OR REGION? ? OR SECTION? ? OR SECTORS -  
 OR SEGMENT? ? OR UNIT? ?  
 S6 3515898 (THREE OR 3 OR MULTI OR MULTIPLE OR PLURAL OR PLURALITY OR  
 MULTIPLE? OR MULTI OR MULTIPLICITY OR SEVERAL OR MORE OR SOME  
 OR FEW OR NUMEROUS OR MANY)(3N)S5  
 S7 119649 S6(5N)(CONNECT??? OR JOIN??? OR LINK??? OR FASTEN??? OR UN-  
 ITED OR COMBIN? OR UNIFIED)

S8 1078 S1(50N)S4  
S9 2 S8(100N)S7  
S10 2 RD (unique items)  
S11 2 S9 NOT PY=2003:2008  
S12 1521 S1(100N)S4  
S13 2 S12(100N)S7  
S14 0 S13 NOT S11  
S15 4200 S1(3N)S2  
S16 7 S15(100N)S7  
S17 4 RD (unique items)  
S18 3 S17 NOT PY=2003:2008  
S19 3 S18 NOT S11  
?

**11/3,K/1 (Item 1 from file: 149)**

DIALOG(R)File 149:TGG Health&Wellness DB(SM)

(c) 2008 The Gale Group. All rts. reserv.

02108434 SUPPLIER NUMBER: 92522889 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Osteoarthritis and MR imaging. (Directed Reading).**

Ott, Katherine; Montes-Lucero, Jeannett

Radiologic Technology, 74, 1, 25(21)

Sept-Oct,

2002

PUBLICATION FORMAT: Magazine/Journal; Refereed ISSN: 0033-8397

LANGUAGE: English RECORD TYPE: Fulltext; Abstract TARGET AUDIENCE:

Professional; Trade

WORD COUNT: 10164 LINE COUNT: 00909

... joint usually is made of titanium, cobalt chrome and plastic and is fixed to existing **bone** with acrylic cement. Hip and knee arthroplasty are the most common procedures, with a 90...

...replacements alter 10 years. (15)

(FIGURE 10 OMITTED)

\* Osteotomy. Osteotomy involves cutting and repositioning the **bone** to correct misalignment of the joint and to re- **create** cartilage **space** . The goal is to reduce the stress placed on the weakest area of the **joint** and transfer the load to **areas** with **more** stable cartilage. (15)

Other experimental surgical procedures include implanting growth factor, chondrocytes, mesenchymal stem cells...

**11/3,K/2 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)

(c) 2008 The Gale Group. All rts. reserv.

01044819 Supplier Number: 40523767 (USE FORMAT 7 FOR FULLTEXT)

**FIBRE REINFORCEMENT OF BONE CEMENTS**

Biomedical Polymers, v4, n6, pN/A

Oct, 1988

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 1657

... involves inserting fibres as a rigid preform which is then infiltrated by cement in the **bone cavity** ; **forming** the composite in situ. A metal wire mesh is used, and the final composite can...

...the use, the system has the advantage that fibres can be placed accurately within the **joint** , with **more** fibres at **regions** of higher stress, where they are needed.

Greater improvements have been demonstrated with carbon fibre...

**19/3,K/1 (Item 1 from file: 16)**

DIALOG(R)File 16:Gale Group PROMT(R)

(c) 2008 The Gale Group. All rts. reserv.

04474138 Supplier Number: 46567881 (USE FORMAT 7 FOR FULLTEXT)

**Inhale Therapeutic Systems Announces Second Quarter 1996 Financial Results;  
Calcitonin Enters Phase I Trial.**

Business Wire, p07240216

July 24, 1996

Language: English Record Type: Fulltext

Document Type: Newswire; Trade

Word Count: 1084

... in which localized areas of bone become hyperactive and are replaced by a softened and **enlarged bone** structure. About 3% of Caucasian people in the United States over age 40 have Paget...

...patients.

Corporate Update

In addition to starting the calcitonin trial, the company made progress in **several areas** during the quarter. In **connection** with a previously announced broad collaborative agreement, on April 9, 1996, Baxter made a \$20...

**19/3,K/2 (Item 1 from file: 149)**

DIALOG(R)File 149:TGG Health&Wellness DB(SM)

(c) 2008 The Gale Group. All rts. reserv.

01829395 SUPPLIER NUMBER: 54419021 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**What You Need To Know About Kidney Cancer.(Pamphlet)**

Pamphlet by: National Cancer Institute, 1(1)

June 15,

1996

DOCUMENT TYPE: Pamphlet PUBLICATION FORMAT: Pamphlet LANGUAGE: English

RECORD TYPE: Fulltext TARGET AUDIENCE: Consumer

WORD COUNT: 6765 LINE COUNT: 00548

... the lungs. Bone scans reveal changes that may be a sign that the cancer has **spread** to the **bones** .

Treatment

Treatment for kidney cancer depends on the stage of the disease, the patient's...

...arterial embolization is used. The doctors may decide to use one treatment method or a **combination** of methods.

**Some** people take **part** in a clinical trial (research study) using new treatment methods. Such studies are designed to...

**19/3,K/3 (Item 2 from file: 149)**  
DIALOG(R)File 149:TGG Health&Wellness DB(SM)  
(c) 2008 The Gale Group. All rts. reserv.

01243240 SUPPLIER NUMBER: 09279241 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Hind limbs of Eocene Basilosaurus: evidence of feet in whales.**

Gingerich, Philip D.; Smith, B. Holly; Simons, Elwyn L.

Science, v249, n4965, p154(4)

July 13,

1990

PUBLICATION FORMAT: *Magazine/Journal* ISSN: 0036-8075 LANGUAGE: English

RECORD TYPE: Fulltext TARGET AUDIENCE: Academic

WORD COUNT: 2234 LINE COUNT: 00210

... knee of Basilosaurus indicates a single alternative to its posture at rest. A downwardly rotated **femur** , **extended** locked knee, abducted hip, and dorsiflexed ankle are shown in open outline in Fig. 1...

...land. However, maintenance of some function is likely for several reasons: most bones are present; **some elements** are fused, but remaining **joints** are well formed with little suggestion of degeneracy; the patella and calcaneal tuber are large...

?

## Foreign Patent Abstracts

File 347:JAPIO Dec 1976-2007/Jul(Updated 071031)

(c) 2007 JPO & JAPIO

File 350:Derwent WPIX 1963-2008/UD=200803

(c) 2008 The Thomson Corporation

File 371:French Patents 1961-2002/BOPI 200209

(c) 2002 INPI. All rts. reserv.

Set	Items	Description
S1	86337	BONE? ? OR FEMUR? OR FIBULA? OR PATELLA? OR TIBIA?
S2	2625237	STRETCH??? OR EXPAND? OR EXPANS? OR EXTEND? OR SPREAD? OR
-		ENLARG? OR (OPEN OR FAN)()OUT OR OUTSPREAD?
S3	5972567	OPENING? ? OR HOLE? ? OR VENT? ? OR APERTURE? ? OR ORIFICE?
		? OR PERFORAT??? OR GAP? ? OR PIERCE? ? OR SLIT OR SLITS OR -
		SLOT OR SLOTS OR INLET? ? OR OUTLET? ? OR CAVITY OR CAVITIES
		OR SPACE? OR SPLIT? OR SPACE? ? OR SPACING
S4	1262403	S3(3N)(CREAT??? OR CREATION OR MADE OR MAKE? ? OR CAUSE? ?
		OR FORM??? OR GENERATE? ? OR START??? OR PRODUCE OR PRODUCING
		OR PRODUCTI?? OR CONSTRUCT???)
S5	15672500	AREAS OR COMPONENT? ? OR COMPOS? OR ELEMENT? ? OR FACET?
?		OR MEMBER? ? OR MODULE? ? OR PART OR PARTICLE? ? OR PARTS OR -
		PIECE? ? OR PORTION? ? OR REGION? ? OR SECTION? ? OR SECTORS -
		OR SEGMENT? ? OR UNIT? ?
S6	2299293	(THREE OR 3 OR MULTI OR MULTIPLE OR PLURAL OR PLURALITY OR
		MULTIPLE? OR MULTI OR MULTIPLICITY OR SEVERAL OR MORE OR SOME
		OR FEW OR NUMEROUS OR MANY)(3N)S5
S7	247457	S6(5N)(CONNECT??? OR JOIN??? OR LINK??? OR FASTEN??? OR UN-
		ITED OR COMBIN? OR UNIFIED)
S8	828	S1 AND S3 AND S7
S9	385	S8 AND S2
S10	8823	S1(5N)S3
S11	342	S10 AND S7
S12	188	S11 AND S2
S13	1004	S10(5N)S2
S14	51	S13 AND S7
S15	10	S13(15N)S7
S16	12	S13(25N)S7
S17	11	S16 NOT AY=2003:2008
S18	44000	S2(3N)S4
S19	201	S18(5N)S7
S20	0	S19 AND S1
S21	489	S18(25N)S7
S22	4	S21 AND S1
S23	3	S22 NOT S17
S24	2	S23 NOT AY=2003:2008
S25	1421	AU=(JONES, M? OR JONES M?)
S26	12	S25 AND S1

S27 5 S26 NOT AY=2003:2008  
?

**17/3,K/1 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0014162819 - Drawing available

WPI ACC NO: 2004-347832/200432

XRAM Acc No: C2004-132286

**Prosthesis e.g. femoral prosthesis, has stem segments having longitudinal length greater than groove and transverse grooves having different longitudinal length such that stiffness of stem varies from proximal to distal ends**

Patent Assignee: LEWALLEN D G (LEWA-I); MAYO FOUND MEDICAL EDUCATION & RES

(MAYO-N)

Inventor: LEWALLEN D G

**Patent Family** (2 patents, 1 countries)

Patent                      Application

Number      Kind Date      Number      Kind Date      Update

US 20040088056    A1    20040506    US 2002287113    A    20021104    200432    B

US 6887278      B2    20050503    US 2002287113    A    20021104    200530    E

Priority Applications (no., kind, date): US 2002287113    A    20021104

**Patent Details**

Number      Kind    Lan    Pg    Dwg    Filing Notes

US 20040088056    A1    EN    10    3

**Original Publication Data by Authority**

**Claims:**

...the prosthesis comprising: a body; and a stem fastened to the body at a proximal **end** and **extending longitudinally** away from the body to form a distal end, the stem comprising **an** elongated core and a **plurality** of **segments** extending outward from the core, the core and the segments consisting essentially of a microstructurally...

**17/3,K/2 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0013514662 - Drawing available

WPI ACC NO: 2003-607530/200357

XRPX Acc No: N2003-484514

**Expandable bone fastener for attaching substrate to bone, has expansion pin with barbed portion set within axial bore of outer tubular body and consists of two elastically deformable barbs projecting into slots of tubular body**

Patent Assignee: ENAYATI A (ENAY-I)

Inventor: ENAYATI A

**Patent Family** (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20030144667	A1	20030731	US 200257529	A	20020125	200357 B
US 6689135	B2	20040210	US 200257529	A	20020125	200413 E

Priority Applications (no., kind, date): US 200257529 A 20020125

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20030144667	A1	EN	4	12		

**Original Publication Data by Authority**

**Original Abstracts:**

...expansion pin slidably mounted within the axial bore. The tubular outer body portion of the **expandable bone fastener** has a **plurality of longitudinal slots** in the wall thereof to allow the expansion and retraction of the expansion pin's...

...slidably mounted within the axial bore. The tubular outer body portion of the expandable bone **fastener** has a **plurality of longitudinal slots in the wall** thereof to allow the **expansion** and retraction of the expansion pin's barbs into or out of the surrounding bone...

**17/3,K/3 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX  
(c) 2008 The Thomson Corporation. All rts. reserv.

0012941420 - Drawing available  
WPI ACC NO: 2003-018095/200301  
XRPX Acc No: N2003-013968

**Retainer of bone portions e.g. spinal vertebrae, has clamping piece which engages second end of fastener and connecting ring to connect and position ring and fastener in multiple angular positions**

Patent Assignee: ENDIUS INC (ENDI-N)

Inventor: DIPOTO G P; SHLUZAS A E

**Patent Family** (2 patents, 1 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
US 20020143328	A1	20021003	US 2001821666	A	20010329	200301 B
US 6641583	B2	20031104	US 2001821666	A	20010329	200374 E

Priority Applications (no., kind, date): US 2001821666 A 20010329

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
US 20020143328	A1	EN	14	10		

**Original Publication Data by Authority**

**Original Abstracts:**

...slot (<b>50</b>). A fastener (<b>16</b>) engageable with a bone portion has an end portion (<b>26</b>) **extending** through the elongate slot (<b>50</b>). A connecting ring (<b>42</b>) connects the member (<b>12</b>) to the fastener (<b>16</b>). The connecting ring (<b>42</b>) is **positionable** in any one of a **plurality of** positions along the elongate slot (<b>50</b>). The connecting ring (<b>42</b>) has a passage (<b>54</b>) through which the end portion (<b>26</b>) of...

**Claims:**

...said member; a connecting ring for connecting said member to said fastener, said connecting ring **extending** into said **opening** in said member, said connecting ring having a passage with a longitudinal axis through which said second end portion of said fastener extends, said fastener being **positionable** in **any** one of a **plurality** of angular positions **relative** to said **connecting** ring so that said longitudinal axis of said fastener extends at any one of a...

17/3,K/5 (Item 5 from file: 350)

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0009658163 - Drawing available

WPI ACC NO: 1999-611145/199952

XRPX Acc No: N1999-450296

**Surgical fixation device for sutureless attachment of soft tissue to bone**

Patent Assignee: AXYA MEDICAL INC (AXYA-N)

Inventor: FENTON P V

**Patent Family** (6 patents, 23 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1999052478	A1	19991021	WO 1999US8043	A	19990413	199952 B
AU 199934925	A	19991101	AU 199934925	A	19990413	200013 E
US 6056751	A	20000502	US 199861473	A	19980416	200029 E
EP 1071386	A1	20010131	EP 1999916660	A	19990413	200108 E
			WO 1999US8043	A	19990413	
AU 739780	B	20011018	AU 199934925	A	19990413	200174 E
JP 2002511308	W	20020416	WO 1999US8043	A	19990413	200242 E
			JP 2000543091	A	19990413	

Priority Applications (no., kind, date): US 199861473 A 19980416

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

WO 1999052478 A1 EN 22 14

National Designated States,Original: AU CA JP

Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE

IT LU MC NL PT SE

AU 199934925 A EN Based on OPI patent WO 1999052478

EP 1071386 A1 EN PCT Application WO 1999US8043  
 Based on OPI patent WO 1999052478  
 Regional Designated States,Original: AT BE CH CY DE DK ES FI FR GB GR IE  
 IT LI LU MC NL PT SE  
 AU 739780 B EN Previously issued patent AU 9934925  
 Based on OPI patent WO 1999052478  
 JP 2002511308 W JA 23 PCT Application WO 1999US8043  
 Based on OPI patent WO 1999052478

### Original Publication Data by Authority

#### Claims:

...soft tissue to bone, the assembly comprising:a bone anchor element  
 extending along an axis **and** adapted for installation into a **hole** in a  
**bone and** including an **anchor** portion at a leading end and a drive  
 portion at a drive end;a joiner element extending along an axis; **and one**  
 or **more** energy directing **members** extending axially on at least one of  
 the anchor element and the joiner element for...

**17/3,K/6 (Item 6 from file: 350)**  
 DIALOG(R)File 350:Derwent WPIX  
 (c) 2008 The Thomson Corporation. All rts. reserv.

0009631365 - Drawing available  
 WPI ACC NO: 1999-582661/199950  
 XRPX Acc No: N1999-430453

**Implant with cage structure for joining together vertebrae in spinal column**  
 Patent Assignee: MEDINORM MEDIZINTECHNISCHE PROD AG (MEDI-N)  
 Inventor: WEILAND P; WILKE H; WILKE H J; WILKE H P  
**Patent Family** (4 patents, 27 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
EP 951879	A2	19991027	EP 1999106986	A	19990409	199950 B
DE 19818143	A1	19991028	DE 19818143	A	19980423	199951 E
JP 11347056	A	19991221	JP 1999134606	A	19990407	200010 E
US 6371987	B1	20020416	US 1999293406	A	19990416	200232 E

Priority Applications (no., kind, date): DE 19818143 A 19980423

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 951879	A2	DE	9	8		

Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR  
 IE IT LI LT LU LV MC MK NL PT RO SE SI  
 JP 11347056 A JA 7

### Original Publication Data by Authority

**Claims:**

...and spacer wings projecting from the connecting portion and adapted to be placed against hard **bone** tissue, wherein the **spacer** wings **extend** diametrically from the connecting portion, and wherein each of the sides adapted to be placed against exposed soft bone tissue has a **plurality of** opening **slots** adapted to be penetrated by **bone** tissue, the **opening slots** having **longitudinal** axes, the longitudinal axes extending transversely of the axis of symmetry.

**17/3,K/7 (Item 7 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0008623765 - Drawing available

WPI ACC NO: 1998-160374/199815

XRPX Acc No: N1998-127503

**Dental implant for single or total etc. dentures - comprises screw or otherwise joined primary and secondary implants of specified diameter possibly via smoothly interposed implant**

Patent Assignee: VELTEN P (VELT-I)

Inventor: VELTEN P

**Patent Family** (5 patents, 22 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
DE 19635619	A1	19980305	DE 19635619	A	19960903	199815 B
WO 1998009581	A2	19980312	WO 1997DE1884	A	19970827	199817 E
AU 199742945	A	19980326	AU 199742945	A	19970827	199832 E
EP 1006926	A2	20000614	EP 1997918915	A	19970827	200033 E
			WO 1997DE1884	A	19970827	
AU 200189272	A	20020124	AU 199742945	A	19970827	200219 NCE
			AU 200189272	A	20011108	

Priority Applications (no., kind, date): AU 200189272 A 20011108; DE 19635619 A 19960903

**Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
DE 19635619	A1	DE	18	10		
WO 1998009581	A2	DE	40	11		
National Designated States,Original: AU HU JP US						
Regional Designated States,Original: AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE						
AU 199742945	A	EN			Based on OPI patent	WO 1998009581
EP 1006926	A2	DE			PCT Application	WO 1997DE1884
					Based on OPI patent	WO 1998009581
Regional Designated States,Original: CH DE ES FR LI						
AU 200189272	A	EN			Division of application	AU 199742945

## Original Publication Data by Authority

### Original Abstracts:

...hermetically seals the primary implant (45) with the expandable side areas (46) in the jaw **bone** (3,4) against the oral **cavity and** to which a third **part** (85) can **be joined** on the other side towards the oral cavity in order to fix the tooth replacement...

**17/3,K/8 (Item 8 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0007143973 - Drawing available

WPI ACC NO: 1995-178606/199523

XRPX Acc No: N1995-140268

**Cast bone ingrowth surface for prosthetic implants - has base with porous ingrowth surface having elongated sections spaced from each other and lattice forming preformed ceramic pattern.**

Patent Assignee: HOWMEDICA INC (HOWN); STRYKER TECHNOLOGIES CORP (STRY-N)

Inventor: SCHWARTZ M M

**Patent Family** (11 patents, 20 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1995011639	A1	19950504	WO 1994IB286	A	19940921	199523 B
AU 199475456	A	19950522	AU 199475456	A	19940921	199534 E
US 5524695	A	19960611	US 1993146281	A	19931029	199629 E
DE 199490333	U1	19960801	DE 199490333	U	19940921	199636 E
			WO 1994IB286	A	19940921	
EP 725606	A1	19960814	EP 1994925601	A	19940921	199637 E
			WO 1994IB286	A	19940921	
JP 8510944	W	19961119	WO 1994IB286	A	19940921	199708 E
			JP 1995504784	A	19940921	
AU 686221	B	19980205	AU 199475456	A	19940921	199813 E
EP 725606	B1	19991201	EP 1994925601	A	19940921	200001 E
			WO 1994IB286	A	19940921	
JP 2984375	B2	19991129	WO 1994IB286	A	19940921	200002 E
			JP 1995504784	A	19940921	
DE 69421935	E	20000105	DE 69421935	A	19940921	200009 E
			EP 1994925601	A	19940921	
			WO 1994IB286	A	19940921	
CA 2172250	C	20000104	CA 2172250	A	19940921	200022 E
			WO 1994IB286	A	19940921	

Priority Applications (no., kind, date): US 1993146281 A 19931029

### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
WO 1995011639	A1	EN	23	8		

National Designated States,Original: AU CA JP US  
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU  
MC NL PT SE

AU 199475456 A EN Based on OPI patent WO 1995011639

US 5524695 A EN 11

DE 199490333 U1 DE 23 8 PCT Application WO 1994IB286

Based on OPI patent WO 1995011639

EP 725606 A1 EN 23 18 PCT Application WO 1994IB286

Based on OPI patent WO 1995011639

Regional Designated States,Original: AT CH DE FR GB IE IT LI

JP 8510944 W JA 21 PCT Application WO 1994IB286

Based on OPI patent WO 1995011639

AU 686221 B EN Previously issued patent AU 9475456

Based on OPI patent WO 1995011639

EP 725606 B1 EN PCT Application WO 1994IB286

Based on OPI patent WO 1995011639

Regional Designated States,Original: AT CH DE FR GB IE IT LI

JP 2984375 B2 JA 8 PCT Application WO 1994IB286

Previously issued patent JP 08510944

Based on OPI patent WO 1995011639

DE 69421935 E DE Application EP 1994925601

PCT Application WO 1994IB286

Based on OPI patent EP 725606

Based on OPI patent WO 1995011639

CA 2172250 C EN PCT Application WO 1994IB286

Based on OPI patent WO 1995011639

#### **Original Publication Data by Authority**

#### **Claims:**

...plurality of attachment spacer elements integrally cast with said base member extending outwardly from said **outer** surface, and a **lattice element** having **connecting** elements for contract with a **bone extending** between said **spacer** elements forming the porous portion to allow attachment to bone to occur between **an underside** of said **connecting** elements and said outer surface of said base member which process comprises the steps of...

**17/3,K/9 (Item 9 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0006812624 - Drawing available

WPI ACC NO: 1994-199898/199424

XRPX Acc No: N1994-157339

**Implantable bone fixation plate - comprises solid circular rod with bone engagers spaced along its length, each engager having aperture to receive bone screw**

Patent Assignee: ACE MEDICAL CO (ACEM-N); DUPUY ACE MEDICAL CO (DUPU-N)

Inventor: SELMAN C M

**Patent Family** (11 patents, 18 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
WO 1994012127	A1	19940609	WO 1993US10667	A	19931104	199424 B
US 5336224	A	19940809	US 1992983402	A	19921130	199431 E
AU 199455933	A	19940622	AU 199455933	A	19931104	199436 E
EP 719115	A1	19960703	WO 1993US10667	A	19931104	199631 E
			EP 1994901286	A	19931104	
JP 8503633	W	19960423	WO 1993US10667	A	19931104	199645 E
			JP 1994513152	A	19931104	
AU 675264	B	19970130	AU 199455933	A	19931104	199713 E
EP 719115	A4	19970101	EP 1994901286	A	19931104	199841 E
EP 719115	B1	20011010	WO 1993US10667	A	19931104	200167 E
			EP 1994901286	A	19931104	
DE 69330915	E	20011115	DE 69330915	A	19931104	200176 E
			WO 1993US10667	A	19931104	
			EP 1994901286	A	19931104	
KR 282786	B	20011122	WO 1993US10667	A	19931104	200243 E
			KR 1995702101	A	19950525	
JP 3535514	B2	20040607	WO 1993US10667	A	19931104	200437 E
			JP 1994513152	A	19931104	

Priority Applications (no., kind, date): US 1992983402 A 19921130

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing Notes
WO 1994012127	A1	EN	13	6	
National Designated States,Original: AU JP KR					
Regional Designated States,Original: AT BE CH DE DK ES FR GB GR IE IT LU MC NL PT SE					
US 5336224	A	EN	6	6	
AU 199455933	A	EN			Based on OPI patent WO 1994012127
EP 719115	A1	EN	97	19	PCT Application WO 1993US10667
					Based on OPI patent WO 1994012127
Regional Designated States,Original: DE ES FR GB IT					
JP 8503633	W	JA	15		PCT Application WO 1993US10667
					Based on OPI patent WO 1994012127
AU 675264	B	EN			Previously issued patent AU 9455933
					Based on OPI patent WO 1994012127
EP 719115	A4	EN			
EP 719115	B1	EN			PCT Application WO 1993US10667
					Based on OPI patent WO 1994012127
Regional Designated States,Original: DE ES FR GB IT					
DE 69330915	E	DE			PCT Application WO 1993US10667
					Application EP 1994901286
					Based on OPI patent EP 719115
					Based on OPI patent WO 1994012127
KR 282786	B	KO			PCT Application WO 1993US10667

Previously issued patent KR 95703905

Based on OPI patent WO 1994012127

JP 3535514 B2 JA 5 PCT Application WO 1993US10667

Previously issued patent JP 08503633

Based on OPI patent WO 1994012127

### Original Publication Data by Authority

#### Claims:

...surfaces (20, 18), the aperture (22) having an axis substantially normal to the longitudinal axis of the rod member (10) and arranged to receive a **bone fastener**, <b>characterised in that</b> the **plurality** of screw-aperture **members** are centred on the longitudinal axis, the first (20) and second (18) surfaces are spaced...

**17/3,K/10 (Item 10 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0005330362 - Drawing available

WPI ACC NO: 1990-328158/199044

XRPX Acc No: N1990-251174

**Fixing element for fractured bone - has middle part of greater elasticity than end parts**

Patent Assignee: BAUMGART R (BAUM-I); BETZ A (BETZ-I); SEIBOLD R (SEIB-I)

Inventor: BAUMGART R

**Patent Family** (8 patents, 16 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
DE 3912703	A	19901025	DE 3912703	A	19890418	199044 B
			DE 3912703	A	19890418	
WO 1990012547	A	19901101	WO 1990EP622	A	19900418	199046 E
DE 3912703	C	19910314	DE 3912703	A	19890418	199111 E
			DE 3912703	A	19890418	
EP 423280	A	19910424	EP 1990906178	A	19900418	199117 E
JP 3503020	W	19910711			199134	E
EP 423280	B1	19950823	EP 1990906178	A	19900418	199538 E
			WO 1990EP622	A	19900418	
DE 59009553	G	19950928	DE 59009553	A	19900418	199544 E
			EP 1990906178	A	19900418	
			WO 1990EP622	A	19900418	
US 5474553	A	19951212	US 1991623948	A	19910129	199604 E
			US 1995367922	A	19950103	

Priority Applications (no., kind, date): DE 3912703 A 19890418

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes  
 DE 3912703 A DE 8  
 WO 1990012547 A EN  
 National Designated States,Original: CA JP US  
 Regional Designated States,Original: AT BE CH DE DK ES FR GB IT LU NL SE  
 EP 423280 A EN  
 Regional Designated States,Original: AT BE CH DE ES FR GB IT LI LU  
 EP 423280 B1 DE 11 8 PCT Application WO 1990EP622  
 Based on OPI patent WO 1990012547  
 Regional Designated States,Original: AT BE CH DE DK ES FR GB IT LI LU NL  
 SE  
 DE 59009553 G DE Application EP 1990906178  
 PCT Application WO 1990EP622  
 Based on OPI patent EP 423280  
 Based on OPI patent WO 1990012547  
 US 5474553 A EN 8 8 Continuation of application US  
 1991623948

### Original Publication Data by Authority

#### Claims:

...in a spaced, non-contacting relationship with the surface of the tubular  
 bone in the **vicinity** of the tubular bone fracture, and for **providing**  
 a space between said setting device and **the surface of the tubular**  
**bone** in the vicinity of the tubular bone fracture; and C) means in and  
 cooperating with...

17/3,K/11 (Item 11 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0003724268 - Drawing available

WPI ACC NO: 1986-170327/198627

**Orthopaedic splint for external use - has beams containing pistons with  
fixing wires between half-rings**

Patent Assignee: CUBAN ENTERPRISE (CUBA-N); CUBAN ENTERPRISE IM (CUIM-N);  
 EMPRESA CUBANA EXP (EMPR-N); MEDICUBA CUBAN ENTERPRISE IMPORT &  
 EXPOR

(MEDI-N); MEDICUBA CUBAN ENTR (MEDI-N)

Inventor: ALVAREZ CAMBRAS R J; CAMBRAS R A

**Patent Family** (12 patents, 10 countries)

Patent Number	Kind	Date	Application Number	Kind	Date	Update
DE 3529030	A	19860626	DE 3529030	A	19850813	198627 B
FR 2573977	A	19860606			198629	E
PT 81595	A	19860611			198629	E
GB 2170107	A	19860730	GB 198517794	A	19850715	198631 E
BR 198503448	A	19860916			198644	E
US 4624249	A	19861125	US 1985697849	A	19850204	198650 E

ES 198703269	A	19870501	ES 1985541052	A	19850307	198724	E
CH 667006	A	19880915			198842		E
GB 2170107	B	19890816			198933		E
CA 1271382	A	19900710			199033		E
IT 1200149	B	19890105			199118		E
DE 3529030	C2	19930923	DE 3529030	A	19850813	199338	E

Priority Applications (no., kind, date): CU 198436222 A 19841204

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
DE 3529030	A	DE	14	2		
BR 198503448	A	PT				
CH 667006	A	DE				
CA 1271382	A	EN				
DE 3529030	C2	DE	6	2		

**Equivalent Alerting Abstract** ...A pair of pistons slidably **connected** to the solid **sections** have **several** holes capable of being aligned with the other holes. Several transfixing pins **extend** through the **bone** and are positioned in the **holes** aligned in a plane normal to the plane of symmetry. A nut is threadably mounted...

#### 24/3,K/1 (Item 1 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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0013211914 - Drawing available

WPI ACC NO: 2003-296382/200329

XRPX Acc No: N2003-236370

**Automatic closing umbrella has joint piece which is provided with inner toe which is mutually adjoined to inner adaptors of top bone**

Patent Assignee: FU TAI UMBRELLA WORKS LTD (FUTA-N); FUTAI UMBRELLA CO LTD

(FUTA-N)

Inventor: CHANG J; CHO E; LIN C; RIN S

**Patent Family** (2 patents, 2 countries)

Patent	Application
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Number	Kind	Date	Number	Kind	Date	Update
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JP 2003093122	A	20030402	JP 2001286993	A	20010920	200329 B
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US 20030041889	A1	20030306	US 2001945742	A	20010905	200330 NCE
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Priority Applications (no., kind, date): US 2001945742 A 20010905; JP 2001286993 A 20010920

#### Patent Details

Number	Kind	Lan	Pg	Dwg	Filing	Notes
JP 2003093122	A	JA	9	12		
US 20030041889	A1	EN	13			

**...which is provided with inner toe which is mutually adjoined to inner adaptors of top bone**

**Alerting Abstract** ...inner toe (221) which is mutually adjoined to the inner adaptors (21a) of a top **bone** (21)....is provided with the inner toe mutually adjoined to the inner adaptors of the top **bone** .

...

...21 Top **bone**

**Title Terms...**/Index Terms/Additional Words: **BONE**

**Original Publication Data by Authority**

**Claims:**

...of inner adapters, a plurality of outer ribs connected to said top ribs by a **plurality** of **joint members** , and a **plurality** of stretcher ribs each pivotally **connected between** each said **joint member** and a runner slidably held on said **shaft** , with each said stretcher rib forming an acute angle between said stretcher rib and said shaft **below** said **runner** when **opening** the umbrella;an **umbrella** cloth secured on said rib assembly;each said inner adapter pivotally connected to said upper...

**24/3,K/2 (Item 2 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

(c) 2008 The Thomson Corporation. All rts. reserv.

0008594306 - Drawing available

WPI ACC NO: 1998-129733/199812

XRPX Acc No: N1998-102497

**Selectively expandable spinal bone fixation screw-sleeve device - has elongate member received in elongate sleeve, and number of articulated sections defined between sequential pairs of axially aligned slots formed in sleeve**

Patent Assignee: THIRD MILLENNIUM ENG LLC (THIR-N)

Inventor: ERRICO J P; ERRICO T J; RALPH J D

**Patent Family** (1 patents, 1 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
US 5713904	A	19980203	US 1997799719	A	19970212	199812 B

Priority Applications (no., kind, date): US 1997799719 A 19970212

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

US 5713904 A EN 16 13

**Selectively expandable spinal bone fixation screw-sleeve device...**

**Alerting Abstract** ...Counters screw pull-out and reduces danger that

screw pull-out will destroy region of **bone** into which screw has been implanted.

**Title Terms...**/Index Terms/Additional Words: **BONE** ;

**Original Publication Data by Authority**

**Original Abstracts:**

The present invention is a selectively expandable **bone** fixation screw-sleeve **device** which provides substantially greater holding strength in human **bone** than other **bone screw** devices. The **sleeve** element of this invention includes several embodiments, each having at least one corresponding screw element for selectively expanding a portion of the sleeve once it has been inserted into the **bone** . More specifically, in **several** embodiments, the sleeve includes a series of vertical slots in the end, or ends, of...

**Claims:**

A selectively expandable **bone** fixation **screw** -sleeve device, comprising:an elongate member;an elongate cylindrical sleeve having an upper, a central...

...the interior surface;a plurality of radially aligned slots formed in said central portion, said **slots extending** from **the exterior** surface to the interior surface, each of said radially aligned slots connecting selected pairs of adjacent axially aligned slots;a **plurality of articulated sections** , defined between sequential twos of said axially aligned slots, said articulated sections comprising first, second...

?

?

**27/3,K/1 (Item 1 from file: 347)**

DIALOG(R)File 347:JAPIO

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08444786 **\*\*Image available\*\***

MINIMALLY INVASIVE **BONE** MILLER APPARATUS

PUB. NO.: 2005-193046 [JP 2005193046 A]

PUBLISHED: July 21, 2005 (20050721)

INVENTOR(s): CHRISTIE MICHAEL J

DEBOER DAVID K

**JONES MICHAEL C**

SMITH STEVEN W

PARKER BRAD A

JAGGERS CHARLES W

SHRACK DEREK A

ROGERS JAMES R

APPLICANT(s): DEPUY PRODUCTS INC

APPL. NO.: 2004-380741 [JP 2004380741]

FILED: December 28, 2004 (20041228)  
PRIORITY: 03 748443 [US 2003748443], US (United States of America),  
December 30, 2003 (20031230)

**MINIMALLY INVASIVE BONE MILLER APPARATUS**

INVENTOR(s): CHRISTIE MICHAEL J

DEBOER DAVID K

**JONES MICHAEL C**

SMITH STEVEN W

PARKER BRAD A

JAGGERS CHARLES W

SHRACK DEREK A

ROGERS...

**ABSTRACT**

**PROBLEM TO BE SOLVED:** To provide a milling system for creating a cavity in  
a **bone** .

**SOLUTION:** This milling system 20 is equipped with a drive shaft 128, a  
frame 24...

**27/3,K/2 (Item 1 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0012505702 - Drawing available

WPI ACC NO: 2002-453625/200248

XRAM Acc No: C2002-128952

XRPX Acc No: N2002-357719

**Acetabular cup for providing bearing surface for acetabulum during hip  
replacement procedures, includes body defining dome defined by increasing  
radius sidewall extending from apex to annular rim**

Patent Assignee: DEPUY ORTHOPAEDICS INC (DEPU-N); DEPUY PROD INC (DEPU-N)  
; JONES M C (JONE-I); KUDRNA J C (KUDR-I); LESTER M B (LEST-I)

Inventor: **JONES M C** ; KUDRNA J C; LESTER M B

**Patent Family** (5 patents, 28 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
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US 20020040245	A1	20020404	US 2000678032	A	20001003	200248 B
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			US 2001858411	A	20010516	
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AU 200189329	A	20020411	AU 200189329	A	20011108	200248 E
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EP 1308140	A1	20030507	EP 2001309380	A	20011106	200332 NCE
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US 6626947	B2	20030930	US 2001858411	A	20010516	200367 E
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AU 784117	B2	20060209	AU 200189329	A	20011108	200659 E
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Priority Applications (no., kind, date): US 2000678032 A 20001003; US  
2001858411 A 20010516; EP 2001309380 A 20011106

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes  
US 20020040245 A1 EN 13 7 C-I-P of application US 2000678032  
EP 1308140 A1 EN  
Regional Designated States,Original: AL AT BE CH CY DE DK ES FI FR GB GR  
IE IT LI LT LU LV MC MK NL PT RO SE SI TR

Inventor: **JONES M C** ...

**Alerting Abstract** ...ADVANTAGE - The acetabular cup can be secured to the acetabulum without the use of **bone** cement, and utilizes a single reaming process...

### **Original Publication Data by Authority**

Inventor name & address:

... **JONES M C** ...

... **JONES M C** ...

... **Jones, Michael C** ...

... **Jones, Michael C** ...

... **Jones, Michael C**

#### **Original Abstracts:**

...an acetabulum so as to provide a bearing surface for a head portion of a **femur** includes the step of reaming a hemispherically-shaped cavity having a first radius into the acetabulum with a reamer...

...surface of an acetabulum with an artificial bearing surface for a head portion of a **femur** is also disclosed.

...

...an acetabulum so as to provide a bearing surface for a head portion of a **femur** is provided. The acetabular cup is shaped to provide a cementless, press-fit into a reamed acetabulum. The acetabular cup is formed of a body having a sidewall defining a radius from a center point of...

...an acetabulum so as to provide a bearing surface for a head portion of a **femur** is provided. The acetabular cup is shaped to provide a cementless, press-fit into a reamed acetabulum. The acetabular cup is formed of a body **having** a sidewall defining a radius from a center point of the annular rim to the

#### **Claims:**

...an acetabulum so as to provide a bearing surface for a head portion of a **femur**, comprising **the** steps of:reaming a hemispherically-shaped cavity into said acetabulum with a reamer, wherein said...

DIALOG(R)File 350:Derwent WPIX  
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0005493488

WPI ACC NO: 1991-095858/199114

XRAM Acc No: C1991-040977

XRPX Acc No: N1991-074104

**Prosthetic devices for hip-joint replacement - comprising modulus matched component of e.g. metal having safety factor or more than 2**

Patent Assignee: IMPERIAL CHEM IND PLC (ICIL); JONES M E B (JONE-I)

Inventor: DAVID T; **JONES M E B**; TAYLOR D

**Patent Family** (6 patents, 13 countries)

Patent			Application			
Number	Kind	Date	Number	Kind	Date	Update
EP 420435	A	19910403	EP 1990309884	A	19900910	199114 B
AU 199062468	A	19910411			199122	E
CA 2026013	A	19910329			199124	E
JP 3261471	A	19911121	JP 1990257609	A	19900928	199202 E
AU 642158	B	19931014	AU 199062468	A	19900913	199348 E
EP 420435	A3	19930421	EP 1990309884	A	19900910	199401 E

Priority Applications (no., kind, date): GB 198921878 A 19890928

#### **Patent Details**

Number	Kind	Lan	Pg	Dwg	Filing	Notes
EP 420435	A	EN				
Regional Designated States,Original: AT BE CH DE FR GB IT LI NL SE						
CA 2026013	A	EN				
AU 642158	B	EN			Previously issued patent	AU 9062468
EP 420435	A3	EN				

...Inventor: **JONES M E B**

**Alerting Abstract** ...data generated in Steps (A) and (B) to produce physiological level of stresses in the **bone**; (D) choosing a composite having the target properties and a suitable FOS for that application...

...new composite to improve both FOS and stress transfer from the prosthesis to the adjacent **bone**; and (H) iterating the above steps...

#### **Original Publication Data by Authority**

Inventor name & address:

**JONES M E B** ...

... **Jones, Michael Edward Benet, 45 Richmond Crescent, Vicars Cross, Chester, GB** ...

... **JONES M E B** ...

... **JONES MICHAEL EDWARD BENET**

**Claims:**

...data generated in Steps (A) and (B) to produce physiological level of stresses in the **bone** ; (D) choosing a **composite** having the target properties and a suitable FOS for that application from the stress analysis

...

...new composite to improve both FOS and stress transfer from the prosthesis to the adjacent **bone** ; and (H) iterating **the** above steps.

**27/3,K/4 (Item 3 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0005021505 - Drawing available

WPI ACC NO: 1990-001407/199001

XRAM Acc No: C1990-000614

XRPX Acc No: N1990-001024

**Forming prosthetic device such as bone transplant - using computer generated graphics and stereolithography to irradiate polymer**

Patent Assignee: IMPERIAL CHEM IND PLC (ICIL); ZENECA LTD (ZENE)

Inventor: **JONES M E B** ; THOMAS I

**Patent Family** (6 patents, 9 countries)

Patent Application

Number	Kind	Date	Number	Kind	Date	Update
EP 348061	A	19891227	EP 1989305662	A	19890605	199001 B
DK 198903076	A	19891225				199010 E
JP 2046840	A	19900216	JP 1989159790	A	19890623	199013 E
EP 348061	B1	19951025	EP 1989305662	A	19890605	199547 E
DE 68924619	E	19951130	DE 68924619	A	19890605	199602 E
			EP 1989305662	A	19890605	
JP 2769357	B2	19980625	JP 1989159790	A	19890623	199830 E

Priority Applications (no., kind, date): GB 198815065 A 19880624

**Patent Details**

Number Kind Lan Pg Dwg Filing Notes

EP 348061 A EN 11 2

Regional Designated States,Original: CH DE FR GB IT LI SE

EP 348061 B1 EN 13 2

Regional Designated States,Original: CH DE FR GB IT LI SE

DE 68924619 E DE Application EP 1989305662

Based on OPI patent EP 348061

JP 2769357 B2 JA 9 Previously issued patent JP 02046840

**Forming prosthetic device such as bone transplant...**

Inventor: **JONES M E B** ...

**Alerting Abstract** ...USE/ADVANTAGE - Process is used to produce

prosthetic devices such as **bone** replacements for complex fracture repairs, **bone** restructuring as well as simpler items such as dental crowns. The process enables prosthetic devices...

**Title Terms.../Index Terms/Additional Words:** **BONE** ;

**Original Publication Data by Authority**

Inventor name & address:

**JONES M E B ...**

**... Jones, Michael Edward Benet, 40 Marbury Road, Viscars Cross Chester, US**  
**...**

**... Jones, Michael Edward Benet, 40 Marbury Road, Viscars Cross Chester, GB**  
**...**

**... JONES MICHAEL EDWARD BENET ...**

**... JONES M E B**

**Claims:**

...prosthetic device; and wherein the prosthetic device is a joint, a complex fracture repair, a **bone** plate, a dental crown or a **bone** reconstructure.

**27/3,K/5 (Item 4 from file: 350)**

DIALOG(R)File 350:Derwent WPIX

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0004928088

WPI ACC NO: 1989-317662/198944

XRAM Acc No: C1989-140659

XRPX Acc No: N1989-241772

**Composite material for use in orthopaedics - formed of mixture of addn.-polymerisable material and particulate inorganic solid**

Patent Assignee: IMPERIAL CHEM IND PLC (ICIL)

Inventor: **JONES M ; JONES M E B**

**Patent Family** (10 patents, 18 countries)

Patent		Application				
Number	Kind	Date	Number	Kind	Date	Update
EP 339816	A	19891102	EP 1989303427	A	19890406	198944 B
AU 198933021	A	19891102			199001	E
NO 198901675	A	19891120			199001	E
DK 198902027	A	19891027			199002	E
JP 1313059	A	19891218	JP 1989104811	A	19890426	199005 E
FI 198901978	A	19891027			199006	E
US 5059209	A	19911022	US 1989342810	A	19890425	199145 E
EP 339816	B1	19941019	EP 1989303427	A	19890406	199440 E
DE 68918889	E	19941124	DE 68918889	A	19890406	199501 E

EP 1989303427 A 19890406  
ES 2060760 T3 19941201 EP 1989303427 A 19890406 199504 E

Priority Applications (no., kind, date): GB 19889863 A 19880426

#### Patent Details

Number Kind Lan Pg Dwg Filing Notes

EP 339816 A EN 9 3

Regional Designated States,Original: AT BE CH DE ES FR GB GR IT LI LU NL  
SE

EP 339816 B1 EN 14 3

Regional Designated States,Original: AT BE CH DE ES FR GB GR IT LI LU NL  
SE

DE 68918889 E DE Application EP 1989303427

Based on OPI patent EP 339816

ES 2060760 T3 ES Application EP 1989303427

Based on OPI patent EP 339816

#### Original Titles:

...PROSTHETIC MEMBER, COMPLEX MATERIAL FOR ORTHOPAEDICS, **BONE**  
BONDING

MATERIAL, AND MANUFACTURE OF PROSTHETIC MEMBER...

Inventor: **JONES M** ...

... **JONES M E B**

**Alerting Abstract** ...comprises a composite with a flexural modulus with the same range of values as compact **bone** . It is prepared by curing a composition consisting of an intimate mixture of two components...

...USE/ADVANTAGE - The device may be used to hold a fractured **bone** in alignment during healing, may be used to cover or replace **bone** damage or to reinforce it, esp. in the skull or long **bones** , or may be used as a replacement joint, esp. hip or knee. As the material has a flexural modulus similar to **boney** tissue, it alleviates problems associated with the loosening of implants and thus extends their working...

**Equivalent Alerting Abstract** ...a composite which has a flexural modulus in the range of values recorded for compact **bone** and is preparable by curing a curable compsn. which comprises mixing: (A) an addn. polymerisable  
...

...an ethoxylated bis-phenol-A. The prosthetic device is pref. in the form of a **bone** -joint replacement...

...ADVANTAGE - The flexural modulus of the prosthetic device is similar to the **boney** tissue it is in contact with and so alleviates the problems associated with loosening of...

#### Original Publication Data by Authority

Inventor name & address:

**JONES M E B ...**

**... Jones, Michael Edward Benet, 40 Marbury Road, Vicars Cross Chester, GB**

**...**

**... Jones, Michael Edward Benet, 40 Marbury Road, Vicars Cross Chester, GB**

**...**

**... JONES MICHAEL E B ...**

**... Jones, Michael E. B**

**Original Abstracts:**

...volume of the prosthetic device. The prosthetic device has a flexural modulus similar to the **boney** tissue which it **contacts** in use...

...volume of the prosthetic device. The prosthetic device has a flexural modulus similar to the **boney** tissue which it contacts in use.

**Claims:**

...comprises a composite with a flexural modulus with the same range of values as compact **bone** . It is prepared by curing a composition consisting of an intimate mixture of two components...

...is steam-sterilisable; has a flexural modulus in the range of values recorded for compact **bone** ; and is preparable by curing **a** composition which comprises an intimate mixture of Component A: an addition polymerisable composition comprising a...

?

## NonPatent Literature Abstracts

File 155:MEDLINE(R) 1950-2008/Jan 09  
 (c) format only 2008 Dialog  
 File 73:EMBASE 1974-2008/Jan 15  
 (c) 2008 Elsevier B.V.  
 File 5:Biosis Previews(R) 1926-2008/Jan W1  
 (c) 2008 The Thomson Corporation  
 File 144:Pascal 1973-2007/Dec W2  
 (c) 2007 INIST/CNRS  
 File 34:SciSearch(R) Cited Ref Sci 1990-2008/Jan W2  
 (c) 2008 The Thomson Corp  
 File 434:SciSearch(R) Cited Ref Sci 1974-1989/Dec  
 (c) 2006 The Thomson Corp  
 File 35:Dissertation Abs Online 1861-2007/Oct  
 (c) 2007 ProQuest Info&Learning  
 File 65:Inside Conferences 1993-2008/Jan 14  
 (c) 2008 BLDSC all rts. reserv.  
 File 45:EMCare 2008/Jan W1  
 (c) 2008 Elsevier B.V.  
 File 23:CSA Technology Research Database 1963-2008/Jan  
 (c) 2008 CSA.

Set Items Description

- S1 2442490 BONE? ? OR FEMUR? OR FIBULA? OR PATELLA? OR TIBIA?  
 S2 3619952 STRETCH??? OR EXPAND? OR EXPANS? OR EXTEND? OR SPREAD? OR  
 -  
 ENLARG? OR (OPEN OR FAN)()OUT OR OUTSPREAD?  
 S3 5309350 OPENING? ? OR HOLE? ? OR VENT? ? OR APERTURE? ? OR ORIFICE?  
 ? OR PERFORAT??? OR GAP? ? OR PIERCE? ? OR SLIT OR SLITS OR -  
 SLOT OR SLOTS OR INLET? ? OR OUTLET? ? OR CAVITY OR CAVITIES  
 OR SPACE? OR SPLIT? OR SPACE? ? OR SPACING  
 S4 209469 S3(3N)(CREAT??? OR CREATION OR MADE OR MAKE? ? OR CAUSE? ?  
 OR FORM??? OR GENERATE? ? OR START??? OR PRODUCE OR PRODUCING  
 OR PRODUCTI?? OR CONSTRUCT???)  
 S5 24851089 AREAS OR COMPONENT? ? OR COMPOS? OR ELEMENT? ? OR FACET?  
 ?  
 OR MEMBER? ? OR MODULE? ? OR PART OR PARTICLE? ? OR PARTS OR -  
 PIECE? ? OR PORTION? ? OR REGION? ? OR SECTION? ? OR SECTORS -  
 OR SEGMENT? ? OR UNIT? ?  
 S6 1985533 (THREE OR 3 OR MULTI OR MULTIPLE OR PLURAL OR PLURALITY OR  
 MULTIPLE? OR MULTI OR MULTIPLICITY OR SEVERAL OR MORE OR SOME  
 OR FEW OR NUMEROUS OR MANY)(3N)S5  
 S7 39096 S6(5N)(CONNECT??? OR JOIN??? OR LINK??? OR FASTEN??? OR UN-  
 ITED OR COMBIN? OR UNIFIED)  
 S8 32329 S1(5N)S3  
 S9 687 S8(5N)S2  
 S10 1 S9 AND S7  
 S11 1712 S4(5N)S1  
 S12 2 S11 AND S7

S13 2 RD (unique items)  
S14 1 S13 NOT S10  
S15 1 S14 NOT PY=2003:2008  
S16 6029 S1 AND S4  
S17 19 S16 AND S7  
S18 15 RD (unique items)  
S19 5 S18 NOT PY=2003:2008  
S20 36659 AU=(JONES, M? OR JONES M?)  
S21 26 S20 AND S7  
S22 10 RD (unique items)  
S23 7 S22 NOT PY=2003:2008  
?

**10/3,K/1 (Item 1 from file: 5)**

DIALOG(R)File 5:Biosis Previews(R)

(c) 2008 The Thomson Corporation. All rts. reserv.

15973714 BIOSIS NO.: 200100145553

**Fastener and method for bone fixation**

AUTHOR: Eaves Felmont F (Reprint); Capizzi Peter J

AUTHOR ADDRESS: 4927 Morrowick Rd., Charlotte, NC, 28226, USA\*\*USA

JOURNAL: Official Gazette of the United States Patent and Trademark Office

Patents 1235 (4): June 27, 2000 2000

MEDIUM: e-file

PATENT NUMBER: US 6080161 PATENT DATE GRANTED: June 27, 2000 20000627

PATENT CLASSIFICATION: 606-76 PATENT COUNTRY: USA

ISSN: 0098-1133

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

ABSTRACT: A fastener for securing an osteosynthesis plate to a **plurality** of bone **segments** is provided. The **fastener** in the form of a fastener blank includes an elongated shank adapted for insertion through...

...A fastener blank is positioned into the hole so that a portion of the blank **extends** into the **hole** provided in the **bone** and another portion overlies the plate. The blank is heated to raise the temperature of...

?

**15/3,K/1 (Item 1 from file: 155)**

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2008 Dialog. All rts. reserv.

13535142 PMID: 11799706

**Deproteinized bovine bone used as an adjunct to guided bone augmentation: an experimental study in the rat.**

Stavropoulos A; Kostopoulos L; Mardas N; Nyengaard J R; Karring T  
Department of Periodontology and Oral Gerontology, Royal Dental College,  
Faculty of Health Sciences, University of Aarhus, Vennelyst Boulevard 9,  
8000 Aarhus C, Denmark. stavropoulos@odont.au.dk

Clinical implant dentistry and related research (Canada) 2001, 3 (3)

p156-65, ISSN 1523-0899--Print. Journal Code: 100888977

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

...created by the capsule and of the (1) newly formed bone, (2) remaining Bio-Oss **particles**, ( **3** ) soft **connective** tissue, and (4) acellular space in the capsule were estimated by a point-counting technique...

...in both tests and controls. After 2 months, the mean volume of the newly formed **bone** occupied 9.0% of the **space created** by the capsule in the test specimens compared with 23.8% in the control specimens...

?

**15/3,K/1 (Item 1 from file: 155)**

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2008 Dialog. All rts. reserv.

13535142 PMID: 11799706

**Deproteinized bovine bone used as an adjunct to guided bone augmentation: an experimental study in the rat.**

Stavropoulos A; Kostopoulos L; Mardas N; Nyengaard J R; Karring T  
Department of Periodontology and Oral Gerontology, Royal Dental College,  
Faculty of Health Sciences, University of Aarhus, Vennelyst Boulevard 9,  
8000 Aarhus C, Denmark. stavropoulos@odont.au.dk

Clinical implant dentistry and related research (Canada) 2001, 3 (3)

p156-65, ISSN 1523-0899--Print Journal Code: 100888977

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

...created by the capsule and of the (1) newly formed bone, (2) remaining Bio-Oss **particles** , ( **3** ) soft **connective** tissue, and (4) acellular space in the capsule were estimated by a point-counting technique...

...in both tests and controls. After 2 months, the mean volume of the newly formed **bone** occupied 9.0% of the **space created** by the capsule in the test specimens compared with 23.8% in the control specimens...

**19/3,K/1 (Item 1 from file: 155)**

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2008 Dialog. All rts. reserv.

13535142 PMID: 11799706

**Deproteinized bovine bone used as an adjunct to guided bone augmentation: an experimental study in the rat.**

Stavropoulos A; Kostopoulos L; Mardas N; Nyengaard J R; Karring T  
Department of Periodontology and Oral Gerontology, Royal Dental College,  
Faculty of Health Sciences, University of Aarhus, Vennelyst Boulevard 9,  
8000 Aarhus C, Denmark. stavropoulos@odont.au.dk

Clinical implant dentistry and related research (Canada) 2001, 3 (3)

p156-65, ISSN 1523-0899--Print Journal Code: 100888977

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

**Deproteinized bovine bone used as an adjunct to guided bone augmentation: an experimental study in the rat.**

BACKGROUND: Promising results have been reported following treatment of periodontal and peri-implant **bone** defects with deproteinized bovine **bone** grafts, but their influence on **bone** formation has not been clarified.

PURPOSE: The goal of this study was to examine whether implantation of deproteinized bovine **bone** (Bio-Oss, Geistlich AG, Wolhusen, Switzerland) influences **bone** formation when used as an adjunct to guided **bone** augmentation (GBA). MATERIALS AND METHODS: A rigid, hemispherical, Teflon capsule was loosely packed with a...

... of 10 animals were sacrificed after 1, 2, and 4 months. The volumes of the **space created** by the capsule and of the (1) newly formed **bone** , (2) remaining Bio-Oss **particles** , ( 3 ) soft **connective** tissue, and (4) acellular space in the capsule were estimated by a point-counting technique in three or four histologic sections, taken by uniformly random sampling. RESULTS: **Bone** formation at 1 month was limited in both tests and controls. After 2 months, the mean volume of the newly formed **bone** occupied 9.0% of the **space created** by the capsule in the test specimens compared with 23.8% in the control specimens...

... It can be concluded that Bio-Oss, used as an adjunct to GBA, interferes with **bone** formation.

Descriptors: \***Bone** Matrix--transplantation--TR; \* **Bone** Substitutes --therapeutic use--TU; \*Guided Tissue Regeneration--methods--MT; \*Mandible --surgery--SU; \*Minerals--therapeutic use...

; Animals; **Bone** Marrow--pathology--PA; **Bone** Matrix--pathology--PA; Calcification, Physiologic--physiology--PH; Cattle; Connective Tissue --pathology--PA; Follow-Up Studies...

Chemical Name: Bio-Oss; **Bone** Substitutes; Minerals; Polytetrafluoroethylene

**19/3,K/2 (Item 1 from file: 5)**

DIALOG(R)File 5:Biosis Previews(R)

(c) 2008 The Thomson Corporation. All rts. reserv.

16031279 BIOSIS NO.: 200100203118

**Reconstructive bioabsorbable joint prosthesis**

AUTHOR: Tormala Pertti (Reprint); Paasimaa Senja; Lehto Matti; Lehtimaki Mauri

AUTHOR ADDRESS: Tampere, Finland\*\*Finland

JOURNAL: Official Gazette of the United States Patent and Trademark Office Patents 1238 (1): Sep. 5, 2000 2000

MEDIUM: e-file

PATENT NUMBER: US 6113640 PATENT DATE GRANTED: September 05, 2000 20000905

PATENT CLASSIFICATION: 623-18 PATENT ASSIGNEE: Bionx Implants Oy, Tampere, Finland PATENT COUNTRY: USA

ISSN: 0098-1133

DOCUMENT TYPE: Patent  
RECORD TYPE: Abstract  
LANGUAGE: English

...ABSTRACT: flexibility of formation, and operability, which is intended to be implanted as a prosthesis between **bones** to be joined together. The joint spacer of the present invention can be formed from...

...fixing the free end of the fabric to the surface of the cylindrical body so **formed**. The joint **spacer** of the present invention can be implanted in conjunction with one or **more** fixation **parts**, to hold the **joint** spacer in place between the **bones** to be joined.

**19/3,K/3 (Item 2 from file: 5)**  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2008 The Thomson Corporation. All rts. reserv.

15973714 BIOSIS NO.: 200100145553

**Fastener and method for bone fixation**

AUTHOR: Eaves Felmont F (Reprint); Capizzi Peter J

AUTHOR ADDRESS: 4927 Morrowick Rd., Charlotte, NC, 28226, USA\*\*USA

JOURNAL: Official Gazette of the United States Patent and Trademark Office  
Patents 1235 (4): June 27, 2000 2000

MEDIUM: e-file

PATENT NUMBER: US 6080161 PATENT DATE GRANTED: June 27, 2000 20000627

PATENT CLASSIFICATION: 606-76 PATENT COUNTRY: USA

ISSN: 0098-1133

DOCUMENT TYPE: Patent

RECORD TYPE: Abstract

LANGUAGE: English

**Fastener and method for bone fixation**

ABSTRACT: A fastener for securing an osteosynthesis plate to a **plurality** of **bone segments** is provided. The **fastener** in the form of a fastener blank includes an elongated shank adapted for insertion through an opening in the plate and into a **hole formed** in the **bone**. The upper end of the shank forms a head that serves to secure the plate to the **bone**. The elongated shank is constructed of a material which when heated will deform to form a tight fit within the hole drilled in the **bone**. The fastener is preferably made of a resorbable material. The invention also provides a method for securing a plate to a **bone** using the fasteners of the invention. A fastener blank is positioned into the hole so that a portion of the blank extends into the hole provided in the **bone** and another portion overlies the plate. The blank is heated to raise the temperature of...

DESCRIPTORS:

METHODS & EQUIPMENT: **bone** fixation fastner...

... **bone** fixation method

**19/3,K/4 (Item 3 from file: 5)**  
DIALOG(R)File 5:Biosis Previews(R)  
(c) 2008 The Thomson Corporation. All rts. reserv.

09226438 BIOSIS NO.: 198886066359  
**EXPERIMENTALLY INDUCED CARTILAGINOUS FRACTURES  
OSTEOCHONDRITIS DISSECANS IN  
FOALS FED LOW-COPPER DIETS**  
AUTHOR: BRIDGES C H (Reprint); HARRIS E D  
AUTHOR ADDRESS: DEP VET PATHOL, TEX A AND M UNIV, COLLEGE STATION,  
TEX  
77843-4463, USA\*\*USA  
JOURNAL: Journal of the American Veterinary Medical Association 193 (2): p  
215-221 1988  
ISSN: 0003-1488  
DOCUMENT TYPE: Article  
RECORD TYPE: Abstract  
LANGUAGE: ENGLISH

...ABSTRACT: control foals. At necropsy, focal segments of articular cartilage were loose and broken in many **joints** throughout the skeleton. In **some areas**, there was intracartilaginous separation, and in others, there was complete breakage of fragments from the joint surface of form free cartilaginous bodies in the joint **cavity**. In the lesions **formed** early in the course of the experiment, a residual layer of cartilage remained over the underlying **bone**. Also, cartilage of the metaphyseal physis had broken. Hypoplastic and necrotic chondrocytes were scattered among...

**19/3,K/5 (Item 1 from file: 34)**  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2008 The Thomson Corp. All rts. reserv.

04390476 Genuine Article#: RZ850 No. References: 77  
**Title: ULTRASTRUCTURE AND FUNCTION OF CELLULAR-COMPONENTS OF THE  
INTERCENTRAL JOINT IN THE PERCOID VERTEBRAL COLUMN**  
Author(s): SCHMITZ RJ  
Corporate Source: UNIV WISCONSIN,DEPT BIOL,2100 MAIN ST/STEVENS  
POINT//WI/54481  
Journal: JOURNAL OF MORPHOLOGY, 1995, V226, N1 (OCT), P1-24  
ISSN: 0362-2525  
Language: ENGLISH Document Type: ARTICLE (Abstract Available)

...Abstract: opposing amphicoelus centra whose rims are connected by external ligaments. The tissue, located within the **space formed** by these structures, is derived from the notochord and consists of the elastic externa, the...

...several layers of cells, each containing a large central vacuole, occur.

Third, in the deepest **part** of the **joint**, **several** layers of attenuated cells surround intracentral fluid-filled lacunae and form a transverse septum across...

...Identifiers--ORYZIAS-LATIPES TELEOSTEI; INTERMEDIATE FILAMENTS; JAPANESE MEDAKA; NOTOCHORD; SKELETON; **BONE**; CYPRINIDONTIDAE; CARTILAGE; NETWORKS; TISSUES

?

**23/3,K/1 (Item 1 from file: 155)**

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2008 Dialog. All rts. reserv.

10246110 PMID: 7987539

**Lymphangiogenesis in vitro: formation of lymphatic capillary-like channels from confluent monolayers of lymphatic endothelial cells.**

Leak L V; Jones M

Ernest Everett Just Laboratory of Cellular Biology, Department of Anatomy, College of Medicine, Howard University, Washington, DC.

In vitro cellular & developmental biology. Animal (UNITED STATES) Aug 1994, 30A (8) p512-8, ISSN 1071-2690--Print Journal Code: 9418515

Publishing Model Print

Document type: Journal Article; Research Support, Non-U.S. Gov't; Research Support, U.S. Gov't, Non-P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Leak L V; Jones M

... tubes. Examination by light and transmission electron microscopy showed that these structures were closed loops **composed** of one to **several** cells **connected** by intercellular junction to form a luminal space. This first demonstration of lymphangiogenesis in confluent...

**23/3,K/2 (Item 2 from file: 155)**

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2008 Dialog. All rts. reserv.

09270032 PMID: 1591717

**Polyinosinic-polycytidylic acid complexed with poly-L-lysine and carboxymethylcellulose in combination with interleukin 2 in patients with cancer: clinical and immunological effects.**

Ewel C H; Urba W J; Kopp W C; Smith J W; Steis R G; Rossio J L; Longo D L ; Jones M J ; Alvord W G; Pinsky C M; et al

Clinical Services Program, Program Resources, Inc./DynCorp, National Cancer Institute-Frederick Cancer Research Development Center, Maryland 21702.

Cancer research (UNITED STATES) Jun 1 1992, 52 (11) p3005-10, ISSN 0008-5472--Print Journal Code: 2984705R

Contract/Grant No.: N01-CO-74102; CO; NCI

Publishing Model Print

Document type: Clinical Trial; Journal Article; Research Support, U.S. Gov't, P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

...Kopp W C; Smith J W; Steis R G; Rossio J L; Longo D L; **Jones M J** ; Alvord W G; Pinsky C M; et al

... was followed by 2 months of outpatient therapy with biweekly i.m. poly-ICLC in **combination** with IL-2 ( **3** x 10(6) **units** /m2) given i.v. by 24-h continuous infusion twice weekly, using a portable infusion...

**23/3,K/3 (Item 3 from file: 155)**

DIALOG(R)File 155:MEDLINE(R)

(c) format only 2008 Dialog. All rts. reserv.

08462799 PMID: 2328994

**Confirmation of linkage in von Hippel-Lindau disease.**

Vance J M; Small K W; **Jones M A** ; Stajich J M; Yamaoka L H; Roses A D; Hung W Y; Pericak-Vance M A

Department of Medicine, Duke University Medical Center, Durham, North Carolina 27710.

Genomics (UNITED STATES) Mar 1990, 6 (3) p565-7, ISSN 0888-7543--  
Print Journal Code: 8800135

Contract/Grant No.: AG07992; AG; NIA; NS01289; NS; NINDS; NS26630; NS; NINDS

Publishing Model Print

Document type: Journal Article; Research Support, U.S. Gov't, P.H.S.

Languages: ENGLISH

Main Citation Owner: NLM

Record type: MEDLINE; Completed

Vance J M; Small K W; **Jones M A** ; Stajich J M; Yamaoka L H; Roses A D; Hung W Y; Pericak...

... thyroid hormone receptor B loci resulted in a peak lod score of 3.1 confirming **linkage** of VHL to this **region** of chromosome **3** . However, the position of VHL relative to the two loci could not be established with

...

**23/3,K/4 (Item 1 from file: 73)**

DIALOG(R)File 73:EMBASE

(c) 2008 Elsevier B.V. All rts. reserv.

0078216848 EMBASE No: 2000266193

**Combined treatment with racemic-DMSA and EDTA for lead mobilization in rats**

Kostial K.; Restek-Samarzija N.; Piasek M.; Varnai V.M.; Blanus M. // **Jones M.M.** ; Singh P.K. // Singh P.K. // Blanus M.

Mineral Metabolism Unit, Inst. for Med. Res. and Occup. Hlth., Zagreb,

Croatia // Department of Chemistry, Vanderbilt University, Nashville, TN,  
United States // Food Residue and Toxicology Lab., Ellington Agric.  
Center, Tennessee, Department of Agriculture, Nashville, TN, United  
States // Inst. for Med. Res. and Occup. Hlth., 2 Ksaverska St., HR-10001  
Zagreb, Croatia  
AUTHOR EMAIL: mblanusa@imi.hr; mblanusa@imi.hr  
CORRESP. AUTHOR: Blanusa M.  
CORRESP. AUTHOR AFFIL: Inst. Med. Res. Occupational Health, 2 Ksaverska  
St., HR-10001 Zagreb, Croatia  
CORRESP. AUTHOR EMAIL: mblanusa@imi.hr

Journal of Trace Elements in Experimental Medicine ( J. Trace Elem. Exp.  
Med. ) (United States) August 9, 2000, 13/3 (277-284)  
CODEN: JTEME ISSN: 0896548X  
DOI: 10.1002/1520-670X(2000)13:3<277::AID-JTRA5>3.0.CO;2-2  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English  
NUMBER OF REFERENCES: 20

...Blanusa M. // **Jones M.M** ...

...tissue lead were obtained when EDTA therapy was combined with rac-DMSA  
treatment. Since this **combination** also caused highest urinary trace  
**element** elimination, **more** data are needed before recommending rac-DMSA  
for use in combined treatment of lead poisoning...

**23/3,K/5 (Item 2 from file: 73)**  
DIALOG(R)File 73:EMBASE  
(c) 2008 Elsevier B.V. All rts. reserv.

0075877738 EMBASE No: 1994304013

**A biomechanical comparison evaluating the use of intermediate screws and  
cross-linkage in lumbar pedicle fixation**

Dick J.C.; **Jones M.P.**; Zdeblick T.A.; Kunz D.N.; Horton W.C.  
Department of Orthopaedic Surgery, Hennepin County Medical Center, 701  
Park Avenue, Minneapolis, MN 55415, United States  
CORRESP. AUTHOR: Dick J.C.  
CORRESP. AUTHOR AFFIL: Department of Orthopaedic Surgery, Hennepin County  
Medical Center, 701 Park Avenue, Minneapolis, MN 55415, United States

Journal of Spinal Disorders ( J. SPINAL DISORD. ) (United States)  
October 13, 1994, 7/5 (402-407)  
CODEN: JSDIE ISSN: 08950385  
DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract  
LANGUAGE: English SUMMARY LANGUAGE: English

... **Jones M.P**

...0037, six screw). Our data show the increased multiplanar stiffness of  
the six-screw, cross- **linked** TSRH construct in immobilizing a **three**

-level lumbar **segment** for fusion.

**23/3,K/6 (Item 3 from file: 73)**  
DIALOG(R)File 73:EMBASE  
(c) 2008 Elsevier B.V. All rts. reserv.

0070032004 EMBASE No: 1974032041

**Exchange transfusion apparatus**

**Jones M.E.**

Woodend Gen. Hosp., Aberdeen, United Kingdom

CORRESP. AUTHOR AFFIL: Woodend Gen. Hosp., Aberdeen, United Kingdom

Lancet ( LANCET ) December 1, 1973, 2/7819 (25)

CODEN: LANCA ISSN: 01406736

DOCUMENT TYPE: Journal; Article RECORD TYPE: Abstract

LANGUAGE: English

**Jones M.E.**

The apparatus consists of two 10 ml 'Plastipak' syringes two 'Pharmaseal K 75' **three** way stopcodes, two **pieces** of flexible **connecting** tubing, and a Y piece connection. Only two syringe manœuvres are required to exchange 10...

**23/3,K/7 (Item 1 from file: 34)**  
DIALOG(R)File 34:SciSearch(R) Cited Ref Sci  
(c) 2008 The Thomson Corp. All rts. reserv.

02912787 Genuine Article#: MP224 No. References: 30

**Title: MOLECULAR-GENETIC INVESTIGATIONS OF THE MECHANISM OF TUMORIGENESIS**

**IN VON HIPPEL-LINDAU DISEASE - ANALYSIS OF ALLELE LOSS IN VHL TUMORS**

Author(s): CROSSEY PA; FOSTER K; RICHARDS FM; PHIPPS ME; LATIF F; TORY K;  
**JONES MH** ; BENTLEY E; KUMAR R; LERMAN MI; ZBAR B; AFFARA NA;  
FERGUSONSMITH MA; MAHER ER

Corporate Source: UNIV CAMBRIDGE,ADDENBROOKES HOSP,BOX 134,HILLS  
RD/CAMBRIDGE CB2 2QQ/CAMBS/ENGLAND/; UNIV CAMBRIDGE,DEPT  
PATHOL/CAMBRIDGE//ENGLAND/; NCI,IMMUNOBIOL  
LAB/FREDERICK//MD/21701;

CANC INST/TOKYO/TOKYO/JAPAN/

Journal: HUMAN GENETICS, 1994, V93, N1 (JAN), P53-58

ISSN: 0340-6717

Language: ENGLISH Document Type: ARTICLE (Abstract Available)

Author(s): CROSSEY PA; FOSTER K; RICHARDS FM; PHIPPS ME; LATIF F; TORY K;  
**JONES MH** ; BENTLEY E; KUMAR R; LERMAN MI; ZBAR B; AFFARA NA;  
FERGUSONSMITH MA; MAHER ER

...Identifiers--RENAL-CELL CARCINOMA; **LINKAGE** ANALYSIS; SMALL **REGION** ;

SHORT ARM; CHROMOSOME- **3** ; MUTATION; HETEROZYGOSITY;  
TRANSLOCATION;  
POLYMORPHISM; HEREDITARY  
?